orm PTO 1449 U.S. DEPARTMENT OF COMMERCE Modified) PATENT AND TRADEMARK OFFICE			ATTY DOCKET NO. SERIAL NO.			*	
(Modified)	PATENT AND TRAI	DEMARK OFFICE	0010-1075-0 PCT 09/462,472				
			APPLICANT				
LIST OF REFE	RENCES CITED BY AF	PLICANT	Hiroshi MATSUI, et al.				
			FILING DATE		GROUP		
			January 14, 2000		1652		
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AO	EP 1 217 076 A1	06/26/02	Europe				
AP	EP 1 004 663 A1	05/31/00	Europe				
AQ	EP 0 282 989 A2	09/21/88	Europe				
AR	EP 0 406 436 A1	01/09/91	Europe				
AS	63-248394	10/14/88	Japan w/ attached English Abstract				
AT	90/05784	05/31/90	WIPO				
AU	63-230094	09/26/88	Japan				
AV							
	OTHER F	REFERENCES	(Including Author, Title, Date, Pertine	nt Pages,	etc.)		
AW	Anna MODRAK-WO STUDIED BY ANAL' Pages 1764-1800	JCIK, et al., "M /TICAL ULTRA	OLECULAR ARCHITECTURE OF E. CO CENTRIFUGATION AND CD SPECTRI	OLI PURINI OSCOPY",	E NUCLEO PROTEIN	SCIENCI	E, Vol. 15, 2006,
AX	MUSHEGIAN, A. R., different specificity,"	Protein Science	ected sequence similarity between nucle e, 1994, 3:1081-1088				
AY	CHANG, Z., et al., "E Conserved Amino Ad	Deducted Amino cid Residues: In	o Acid Sequence of Escherichia coli Ade mplications for Catalytic Function," Bioch	nosine Dea emistry, 30	aminase Re 0(8), 1991,	eveals Ev pages 22	olutionarily 73-2280
AZ	Molecular Machines	for the Product	otransferase Family of Enzymes: cion and Delivery of Ammonia," 22, 1999, pages 7891-7899	Ad	ditional Ref	erences :	sheet(s) attached
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Electronic Ac	knowledgement Receipt
EFS ID:	2466423
Application Number:	09462472
International Application Number:	
Confirmation Number:	5130
Title of Invention:	PROCESS FOR PRODUCING PURINE NUCLEOSIDES VIA FERMENTATION COPY
First Named Inventor/Applicant Name:	HIROSHI MATSUI
Customer Number:	22850
Filer:	Marvin Jay Spivak/Irene Sorto
Filer Authorized By:	Marvin Jay Spivak
Attorney Docket Number:	0010-1075-0 PCT
Receipt Date:	14-NOV-2007
Filing Date:	14-JAN-2000
Time Stamp:	14:17:23
Application Type:	U.S. National Stage under 35 USC 371
Payment information:	
Submitted with Payment	yes
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Payment was successfully received in RAM	\$ 180
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File Name

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This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.



Docket No. 0010-1075-0 PCT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Hiroshi MATSUI, et al.

SERIAL NO: 09/462,472 GAU: 1652

FILED: January 14, 2000 EXAMINER: FRONDA, C. L.

FOR: METHOD FOR PRODUCING PURINE NUCLEOSIDE BY FERMENTATION

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

COMMISSIONER FOR PATENTS ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

REFERENCES

- The applicant(s) wish to make of record the reference(s) listed on the attached Japanese Office Action and form PTO-1449. Copies of the listed reference(s) are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language reference(s).
- Online credit card payment is being made in the amount required under 37 CFR §1.17(p).

RELATED CASES

- Attached is a list of applicant's pending application(s), published application(s) or issued patent(s) which may be related to the present application. In accordance with the waiver of 37 CFR 1.98 dated September 21, 2004, copies of the cited pending applications are not provided. Cited published and/or issued patents, if any, are listed on the attached PTO form 1449.
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CERTIFICATION

- Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- □ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

DEPOSIT ACCOUNT

Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number <u>15-0030</u>.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.

Storbon G. Boyter

Stephen G. Baxter Registration No. 32,884

Customer Number

22850

Tel. (703) 413-3000 Fax. (703) 413-2220 (OSMMN 05/03) Vincent K. Shier, Ph.D. Registration No. 50,552

n PTO 1449 U.S. DEPARTMENT OF COMMERCE		ATTY DOCKET NO. SERIAL NO.						
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OSMM&N File No. 101145US0PCT

Dept.: IP-1

By: SGB/kcm

Serial No. 09/462,472

In the matter of the Application of: Hiroshi MATSUI, et al.

For: METHOD FOR PRODUCING PURINE NUCLEOSIDE BY FERMENTATION

Due Date: <u>10/3/2007</u>

The following has been received in the U.S. Patent Office on the date stamped hereon:

■ Dep. Acct. Order Form

■ Information Disclosure Statement

■ PTO-1449

■ Cited References 1



Docket No. 101145US0PCT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Hiroshi MATSUI, et al.

SERIAL NO: 09/462,472 GAU: 1652

FILED: January 14, 2000 EXAMINER: Christian L. FRONDA

FOR: METHOD FOR PRODUCING PURINE NUCLEOSIDE BY FERMENTATION

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

COMMISSIONER FOR PATENTS ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

REFERENCES

- The applicant(s) wish to make of record the reference(s) listed on the attached form PTO-1449, which was cited in an Office Action dated September 11, 2007, in Related US. Serial Number 11/682,103. Copies of the listed reference(s) are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language reference(s).
- A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

RELATED CASES

- Attached is a list of applicant's pending application(s), published application(s) or issued patent(s) which may be related to the present application. In accordance with the waiver of 37 CFR 1.98 dated September 21, 2004, copies of the cited pending applications are not provided. Cited published and/or issued patents, if any, are listed on the attached PTO form 1449.
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CERTIFICATION

- Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

DEPOSIT ACCOUNT

Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.

Stephen G. Baxter

Registration No. 32,884

Customer Number

22850

Tel. (703) 413-3000 Fax. (703) 413-2220 (OSMMN 05/03)

Form PTO 1449		U.S. DEPARTMENT	T OF COMMERCE	ATTY DOCKET NO.		TEEDIAL			
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LIST OF	LIST OF REFERENCES CITED BY APPLICANT		PPLICANT	Hiroshi MATSUI, et al.					
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OSMM&N File No. 0010-1075-0 PCT

Dept.: ___

By: SGB/VKS/sfb

Serial No. 09/462,472

In the matter of the Application of: Hiroshi MATSUI, et al.

For: METHOD FOR PRODUCING PURINE NUCLEOSIDE BY FERMENTATIO

Due Date: 11/23/05

The following has been received in the U.S. Patent Office on the date stamped hereor

■ Dep. Acct. Order Form

■ Information Disclosure Statement

■ PTO-1449

- Cited References 1
- Search Report European (2)



Docket No.

0010-1075-0 PCT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF:

Hiroshi MATSUI, et al.

SERIAL NO: 09/462,472

GAU:

1652

FILED:

January 14, 2000

EXAMINER: Fronda, C.L.

FOR:

METHOD FOR PRODUCING PURINE NUCLEOSIDE BY FERMENTATION

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

COMMISSIONER FOR PATENTS ALEXANDRIA, VIRGINIA 22313

Applicant(s) wish to disclose the following information.

REFERENCES

- The applicant(s) wish to make of record the references cited on the two attached European Search Reports and listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

RELATED CASES

- Attached is a list of applicant's pending application(s), published application(s) or issued patent(s) which may be related to the present application. In accordance with the waiver of 37 CFR 1.98 dated September 21, 2004, copies of the cited pending applications are not provided. Cited published and/or issued patents, if any, are listed on the attached PTO form 1449.
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DEPOSIT ACCOUNT

Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.

Stephen G. Baxter

Registration No. 32,884

Customer Number 22850

Tel. (703) 413-3000 Fax. (703) 413-2220 (OSMMN 05/03)

Vincent K. Shier, Ph.D. Registration No. 50,552

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serial No. 09/462,472

n the matter of the Application of: Hiroshi MATSUI, et al.

For: METHOD FOR PRODUCING PURINE NUCLEOSIDE BY FERMENTATION

Due Date: 09/23/04

Dept.: -C-

By: SGB/VKS/sfb

The following has been received in the U.S. Patent Office on the date stamped hereon

■ Dep. Acct. Order Form

■ Information Disclosure Statement

■ PTO-1449

■ Cited References 4

■ Search Report Supplementary European



Docket No.

0010-1075-0 PCT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF:

Hiroshi MATSUI, et al.

SERIAL NO: 09/462,472

GAU:

1652

FILED:

January 14, 2000

EXAMINER: Fronda, C.L.

FOR:

METHOD FOR PRODUCING PURINE NUCLEOSIDE BY FERMENTATION

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

COMMISSIONER FOR PATENTS ALEXANDRIA, VIRGINIA 22313

Applicant(s) wish to disclose the following information.

REFERENCES

- The applicant(s) wish to make of record the references cited on the attached Supplementary European Search Report and listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

RELATED CASES

- Attached is a list of applicant's pending application(s) or issued patent(s) which may be related to the present application. In accordance with discussions on August 4, 2004 with Mr. Nicholas P. Godici, Commissioner for Patents, it is no longer required to submit copies of cited pending applications. A modification of the Rules will be published soon in the Official Gazette. Cited issued patents, if any, are listed on the attached PTO form 1449.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

CERTIFICATION

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- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

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C	O.S.&M. File No. <u>0010-1075-0 PCT</u> By <u>NFO/dty FF</u>
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I	n the Matter of the Application of Hiroshi MATSUI, et al.
1	FOR METHOD FOR PRODUCING PURINE NUCLEOSIDE BY FERMENTATION The following has been received in the U.S. Patent Office on the date stamped hereon:
	> 91 pgs. Specification 13 Claims (English Translation)
	Combined Declaration, Petition & Power of Attorney (3 pages)
	[] Verified Statement (Declaration) Claiming Small Entity Status
	Petition of Revive Under 37 C.F.R. 1.137 (b)
	[>] Notice of Priority; [] Priority Doc. ()
	[▶] Check for \$ 840.00 ; [▶] Dep. Acct. Order Form
	Assignment pages/PTO-1595
	[>] Drawings 3_ sheets
	[>] PCT Transmittal Letter
	[>] Preliminary Amendment
	[]PCT/IB/304
	[]PCT/IB/308
	[] International Preliminary Examination Report
	[] Information Disclosure Statement; [] PTO-1449
	[] Cited References ()
	[] Statement of Relevancy
	[>] International Search Report
	[>] Request for Consideration of Documents Cited in International Search Report
	[>] Sequence Listing (Pages 1-9)
	[] Written Opinion
	[] Letter Regarding Translation of Annexes
	[] Translation of Annexes to International Preliminary Examination Report
	SERIAL NO.

DATE REC'S REC'S PCT/PTO 14 JAN 2000

INTERNATIONAL SEARCH REPORT

International application No.
PCT/JP98/03239

A CLASSIFICATION OF SUBJECT MATTER Int.Cl ⁶ C12N15/09, C12N1/21, C12P1 (C12P19/32, C12R1:19)	9/32 // (C12N1/21, C12R1:19),				
According to International Patent Classification (IPC) or to both nat	ional classification and IPC				
B. FIELDS SEARCHED					
Minimum documentation searched (classification system followed b Int.Cl ⁶ Cl2N15/09, Cl2N1/21, Cl2P1	9/32				
Documentation searched other than minimum documentation to the					
Electronic data base consulted during the international search (nam- Genebank/EMBL/DDBJ/GeneSeq, WPI (D	e of data base and, where practicable, search terms used) IALOG), BIOSIS (DIALOG)				
C. DOCUMENTS CONSIDERED TO BE RELEVANT					
Category* Citation of document, with indication, where app	propriate, of the relevant passages Relevant to claim No.				
A WO, 90/05784, A (Kyowa Hakko 31 May, 1990 (31. 05. 90) & JP, 2500062, A & EP, 4064	*				
A JP, 63-230094, A (Kyowa Hakk 26 September, 1988 (26. 09. 8 & EP, 282989, A & DE, 38846	88)				
Further documents are listed in the continuation of Box C.	See patent family annex.				
* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance earlier document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed "C" tater document published after the international filing date or prioduce and not in conflict with the application but cited to understate the prioriple or theory underlying the invention cannot be considered novel or cannot be considered to involve an inventive when the document is taken alone document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such document, such combined with one or more other such documents, such combined being obvious to a person skilled in the art document member of the same patent family					
Date of the actual completion of the international search 9 October, 1998 (09. 10. 98)	Date of mailing of the international search report 27 October, 1998 (27. 10. 98)				
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